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(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2006/0146488 A1**
Kimmel (43) **Pub. Date: Jul. 6, 2006**(54) **FOLDABLE ELECTRONIC DEVICE AND A
FLEXIBLE DISPLAY DEVICE****Publication Classification**(51) **Int. Cl.**
G06F 1/16 (2006.01)(52) **U.S. Cl.** **361/681; 361/683**(75) Inventor: **Jyrki Kimmel, Tampere (FI)**(57) **ABSTRACT**

Correspondence Address:

**WARE FRESSOLA VAN DER SLUYS &
ADOLPHSON, LLP
BRADFORD GREEN, BUILDING 5
755 MAIN STREET, P O BOX 224
MONROE, CT 06468 (US)**

An electronic device, which comprises: at least two parts foldable in relation to each other, which can be turned into a first position and into a second position around a rotation axis; and a flexible display device, which extends over at least two foldable parts, covering them either entirely or partly. The flexible display device comprises: a folded position, to which the display device settles in the first position, and in which it folds around a first direction, which is parallel in relation to the rotation axis; and a curved position, to which the display device settles in the second position, and in which it curves around a second direction, which is transverse in relation to the rotation axis. A flexible display device can also be used with an electronic device.

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